

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Jiang et al.

**Serial No.:** Not yet assigned

**Filed:** March 16, 2004

**For:** PLASTIC LEAD FRAMES FOR  
SEMICONDUCTOR DEVICES AND  
PACKAGES INCLUDING SAME

**Examiner:** Unknown

**Group Art Unit:** Unknown

**Attorney Docket No.:** 2269-3086.13US  
(96-1006.13/US)

**NOTICE OF EXPRESS MAILING**

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Person making Deposit: Christopher Haughton

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The present application is a divisional of application Serial No. 09/943,776, filed August 30, 2001, pending, which is a continuation of application Serial No. 09/548,147, filed April 13, 2000, now United States Patent 6,323,543, issued November 27, 2001, which is a continuation of application Serial No. 09/193,469, filed November 17, 1998, now United States Patent 6,091,136, issued July 18, 2000, which is a divisional of application Serial No. 08/878,935, filed June 19, 1997, now United States Patent 5,879,965, issued March 9, 1999.

**Atty. Docket No.: 3086.13US (96-1006.13/US)**

Pursuant to M.P.E.P. 2001.06(b), the Examiner is respectfully requested to consider the information of record in the prior applications, and to confirm in the first Office Action on the merits that such art has in fact been reviewed. A PTO-1449 or PTO/SB/08 form listing all of the information of record in the prior applications is enclosed herewith.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,



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Date: March 16, 2004  
JRD/sls:djp

Enclosures: Form PTO-1449 or PTO/SB/08  
Document in ProLaw

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>			Docket Number (Optional) <b>3086.13 (96-1006.13/US)</b>		Application Number <b>Not yet assigned</b>	
			Applicant <b>Jiang et al.</b>			
			Filing Date <b>March 16, 2004</b>		Group Art Unit <b>Unknown</b>	

  

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,440,027	04/1969	Hugle			
	3,868,765	03/1975	Hartleroad et al.			
	4,079,511	03/1978	Grabbe			
	4,089,733	05/1978	Zimmerman			
	4,234,666	11/1980	Gursky			
	4,281,556	08/1981	Weishew			
	4,677,526	06/1987	Muehling			
	4,906,802	03/1990	Castleman			
	5,231,756	08/1993	Tokita et al.			
	5,244,839	09/1993	Baker et al.			
	5,297,008	03/1994	Estes			
	5,341,027	08/1994	Park et al.			
	5,446,570	08/1995	Kaneko et al.			

  

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	1-137658	05/1989	Japan				

  

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
		Rao R. Tummala et al., "Microelectronics Packaging Handbook", pps. 544-548.	
		U.S. Patent Publication No. 2001/0054735 A1 to Nagai, dated December 27, 2001	

  

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	<b>Docket Number (Optional)</b> <b>3086.13US (96-1006.13/US)</b>	<b>Application Number</b> <b>Not yet assigned</b>
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### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,455,394	10/1995	Durand et al.			
	5,473,187	12/1995	Baker et al.			
	5,569,614	10/1996	Kataoka et al.			
	5,600,179	02/1997	Suzuki			
	5,612,259	03/1997	Okutomo et al.			
	5,616,953	04/1997	King et al.			
	5,753,940	05/1998	Komoto			
	5,770,479	01/1996	Brooks et al.			
	5,840,214	11/1998	Kinlen			
	5,879,965	03/1999	Jiang et al.			
	5,976,915	11/1999	Ma			
	6,020,639	02/2000	Ulrich et al.			
	6,091,136	07/2000	Jiang et al.			

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)


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	6,093,958	07/2000	Inaba			
	6,124,151	09/2000	Jiang et al.			
	6,245,640	06/2001	Claussen et al.			
	6,294,410	09/2001	Jiang et al.			
	6,316,824	11/2001	Jiang et al.			
	6,323,543	11/2001	Jiang et al.			
	6,406,994	06/2002	Ang et al.			
	6,544,820	04/2003	Jiang et al.			
	6,593,254	07/2003	Kraxenberger et al.			

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

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